### TEACHERS' RETIREMENT BOARD

#### INVESTMENT COMMITTEE

SUBJECT: Report of the Chief Investment Officer	ITEM NUMBER: <u>14</u>
	ATTACHMENTS: 5
ACTION:	DATE OF MEETING: March 6, 2002
INFORMATION: X	PRESENTER: Christopher J. Ailman

Attached are the monthly reports for the period ending January 31, 2002. This month staff has also included a summary of the Fund's investment performance for the period ending December 31, 2001. The Board's consultant will present a more detail review of performance at the April meeting. Listed below is a brief summary of the developments that have occurred in the financial markets from end of the reporting period to the date of the Committee packet. Also listed is a comparison of the same indices for the current fiscal year to date.

is to a comparison of the same matees for the eartent fiscal year to date.								
	Jan. 31, 2002	Feb. 14, 2002	Direction					
Interest rates:		<u>,</u>						
Federal Funds (target)	1.81%	1.81%	<b>₹</b> Trading range					
10-year U.S. Treasury Note yield	5.03%	4.95%	<b>₹</b> Trading range					
30-year U.S. Treasury Bond yield	5.40%	5.41%	<b>₹</b> Trading range					
U.S. Equity market:								
Russell 3000 Index	625.60	617.79	<b>↓</b> Down 7.81					
S&P 500 Index	1130.20	1116.48	<b>↓</b> Down 13.72					
NASDAQ Index	1934.03	1843.37	<b>↓</b> Down 90.66					
Non-U.S. Equity market:								
MSCI ACWI free (ex. U.S.)	146.28	147.99	↑ Up 1.71					
MSCI EAFE	1093.11	1106.49	↑ Up13.38					
MSCI Emerging Markets	327.75	334.75	↑ Up 7.00					
Currencies:								
Euro in U.S.\$	.86	.87	<b>₹</b> Trading range					
Yen per U.S. \$	134.68	132.07	<b>₹</b> Trading range					
British Pound in U.S.\$	1.41	1.43	<b>₹</b> Trading range					

### Commodities:

Crude Oil per barrel
Gold
Mega Watt Hour (CA-OR on-peak)

\$19.48	\$21.23	↑ Up \$1.75
\$282.10	\$299.70	↑ Up \$17.60
\$23.09	\$21.93	<b> ☐</b> Trading range

This chart is provided as overview for changes in the financial markets since the beginning of the Fiscal Year.

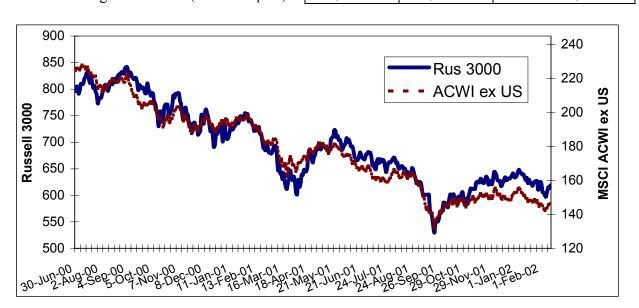
	June 30, 2001	Feb. 14, 2002	Direction
Interest rates:			
Federal Funds	4.00%	1.81%	↓ Down 219 BP
10-year U.S. Treasury Note yield	5.39%	4.94%	↓ Down 45 BP
30-year U.S. Treasury Bond yield	5.74%	5.41%	↓ Down 33 BP
U.S. Equity market:			
Russell 3000 Index	677.35	617.79	<b>↓</b> Down 59.56
S&P 500 Index	1224.42	1116.48	<b>↓</b> Down 107.94
NASDAQ Index	2160.54	1843.37	<b>↓</b> Down 317.17
Non-U.S. Equity market:			
MSCI ACWI free (ex. U.S.)	167.46	147.99	<b>↓</b> Down 19.47
MSCI EAFE	1261.49	1106.49	<b>↓</b> Down 155.00
MSCI Emerging Markets	322.89	334.75	↑ Up 11.86
Currencies:			
Euro in U.S.\$	.85	.87	<b>₹</b> Trading range
Yen per U.S. \$	124.72	132.07	↑ Stronger U.S. \$
British Pound in U.S.\$	1.41	1.43	<b>₹</b> Trading range

### Commodities:

Crude Oil per barrel Gold

Mega Watt Hour (CA-OR on-peak)

\$26.24	\$21.23	<b>↓</b> Down \$5.01
\$270.00	\$299.70	↑ Up \$29.70
\$81.00	\$21.93	<b>↓</b> Down \$59.07





### **CaISTRS INVESTMENT COMMITTEE**

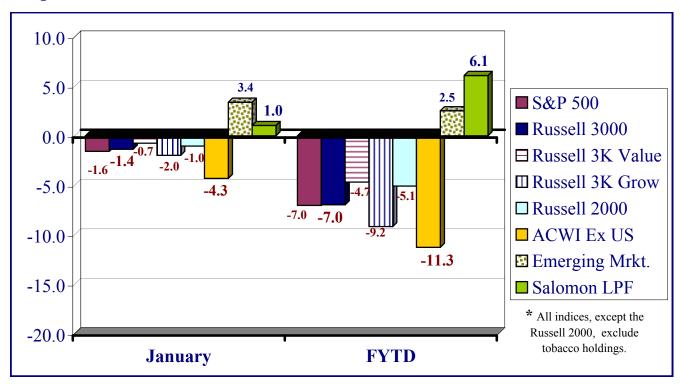
Chief Investment Officer Report

# Capital Market Environment January 31, 2002

# Russell 3000 January 1, 1999 - January 31, 2002 (Weekly Price)



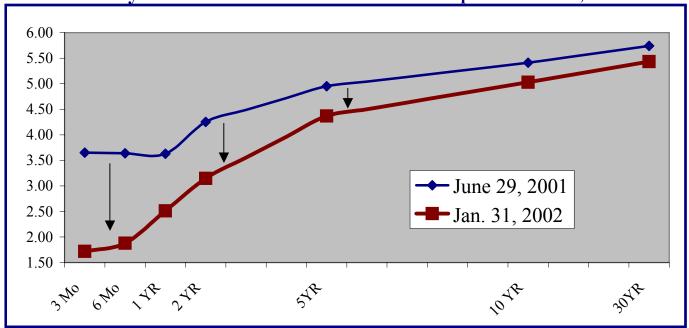
# Capital Market Returns - Month of January and Fiscal Year to Date



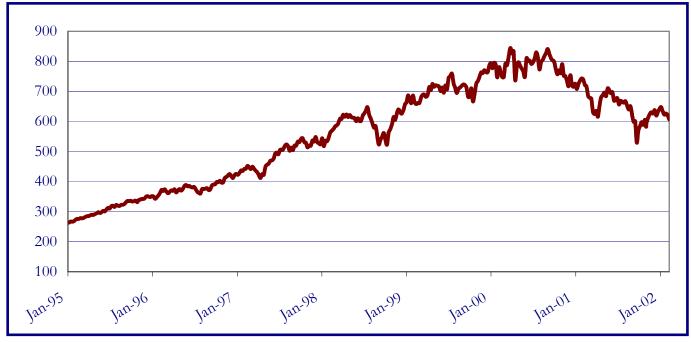
# Capital Markets Data



U.S. Treasury Yield Curve Fiscal Year '01 close compared to Jan. 31, 2002



Russell 3000 Weekly close from January 1995 to January 31, 2002



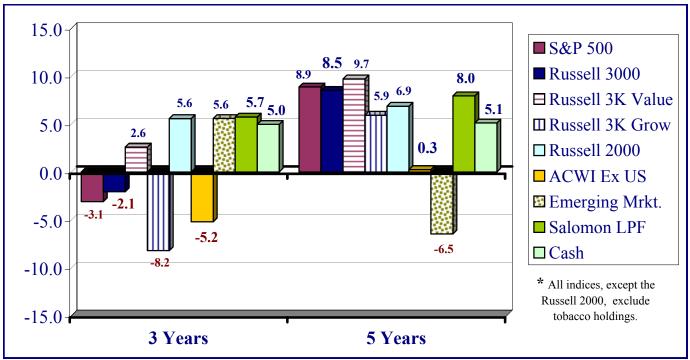
# Review of Long-Term Capital Markets Data



# Russell 3000 since the 1990's



## Capital Market Returns - For the 3 & 5 years ending January 31, 2002





# CalSTRS Retirement Fund Monthly Asset Allocation Report

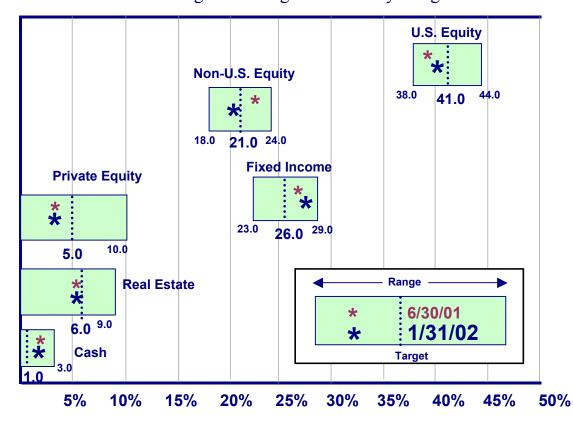
As of January 31, 2002

	FY '01-'02
	TARGETS
U.S. Equity	41%
Non-U.S. Eq.	21%
Fixed Income	26%
	,
Private Equity	5%
Real Estate	6%
Cash	1%

ACTUAL	Off Target
January-02	(000s)
40.1%	\$ (917,417)
20.4%	\$ (625,168)
28.3%	\$ 2,267,805
4.4%	\$ (596,201)
5.2%	\$ (761,813)
1.6%	\$ 632,794

# **Current Allocation**

versus Long Term Targets and Policy Ranges

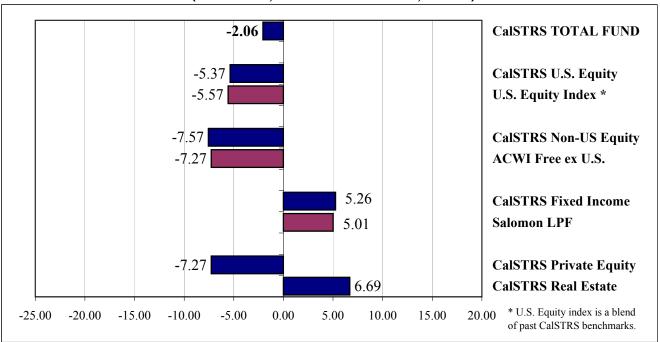


Page 1

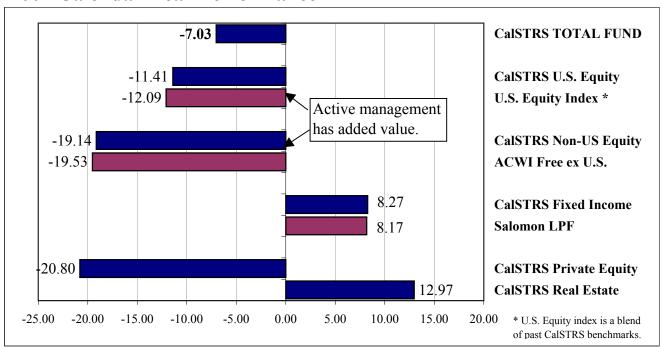


# **INVESTMENT RETURNS For the Periods Ending December 31, 2001**

## Fiscal Year to Date (June 30, 2001 to Dec. 31, 2001)



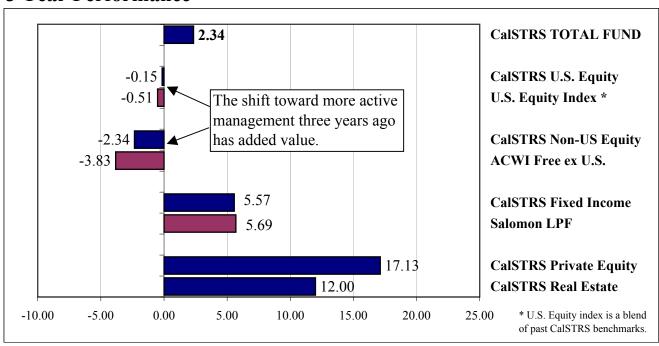
### 2001 Calendar Year Performance



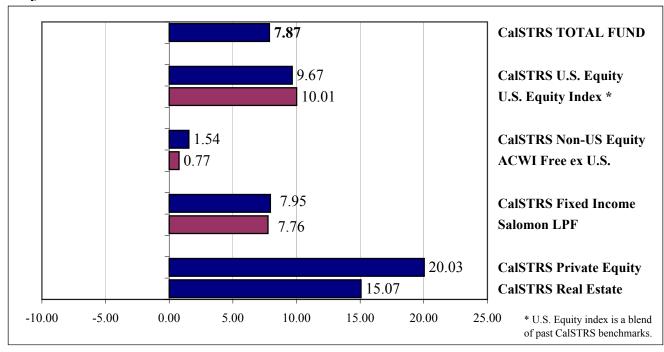


# **INVESTMENT RETURNS For the Periods Ending December 31, 2001**

## 3 Year Performance



## 5 year Performance



Investment Summary - Market Value				(amounts in millions)								
Asset	This Month		(	One Year Ago		Three Years Ago			Five Years Ago			
Domestic Equity	\$	39,954	40.1%	\$	43,520	39.6%	\$	42,575	44.9%	\$	23,591	34.3%
International Equity		20,308	20.4%		25,565	23.3%		19,954	21.0%		12,917	18.8%
Fixed Income		28,120	28.2%		29,579	26.9%		26,241	27.6%		25,320	36.9%
Global Asset Allocators	6	N/A	N/A		N/A	N/A		1,227	1.3%		2,582	3.8%
Real Estate		5,219	5.2%		4,135	3.8%		2,084	2.2%		1,812	2.6%
Alternative Investments	6	4,388	4.4%		5,275	4.8%		2,235	2.4%		1,238	1.8%
Liquidity		1,628	1.6%		1,803	1.6%		595	0.6%		1,225	1.8%
Total Market Value	\$	99,617	100.0%	\$	109,877	100.0%	\$	94,911	100.0%	\$	68,685	100.0%
									-		•	

Performance Returns for Major Asset Categories									
Asset	Month	Fiscal YTD	1 Yr.	3 Yr.	5 Yr.	10 Yr.			
Domestic Equity	-1.55	-6.83	-15.82	-1.68	8.23	12.02			
Int'l Equity	-4.09	-11.34	-23.14	-3.69	1.10	N/A			
Fixed Income	0.95	6.25	7.56	5.57	8.21	8.41			
Real Estate	N/A	N/A	12.97	12.00	15.07	7.74			
Alternative Investments	N/A	N/A	-21.31	16.35	19.71	19.60			
Liquidity	0.27	2.72	5.28	6.10	6.09	5.62			
Total Fund	-1.23	-3.26	-10.07	1.34	7.34	9.05			
Indicies									
Domestic Equity Custom *	-1.36	-6.98	-15.77	-2.06	8.53	12.40			
MSCI AC ex US *	-4.31	-11.27	-24.22	-5.20	0.25	4.24			
Salomon LPF	1.04	6.10	7.38	5.74	7.96	8.29			
Real Estate Custom	N/A	N/A	9.52	10.80	12.04	7.41			
T-Bill	0.16	1.72	3.72	4.85	4.96	4.67			
Consumer Price Index	-0.39	-1.12	0.52	2.32	2.04	2.46			
Russell 3000 *	-1.36	-6.98	-15.77	-2.06	8.53	12.51			
MSCI EAFE *	-5.34	-12.99	-25.71	-6.71	0.49	4.10			
MSCI Emerging Mkt Free*	3.39	2.53	-11.53	5.59	-6.47	2.20			
LB Gov / Corp	0.73	5.59	7.49	5.90	7.49	7.51			

	Curr	ent Month	Past 12 Months		
Cash Inflow:					
Contributions & misc receipts	\$	431.5	\$	4,538.1	
Less: Benefits & misc. payments	\$	(422.1)	\$	(4,383.1)	
Investment Income	\$	231.3	\$	3,812.0	
Total Cash Inflow	\$	240.7	\$	3,967.0	
Cash Allocation:	-		-		
Domestic Equity	\$	39.8	\$	3,742.9	
nternational Equity	\$	0.7	\$	1,207.6	
Fixed Income	\$	33.4	\$	(1,771.8)	
Real Estate	\$	35.0	\$	613.0	
Alternative Investments	\$	22.8	\$	393.8	
Liquidity	\$	109.1	\$	(218.7)	
Total Cash Allocation	\$	240.7	\$	3,967.0	

<sup>\*</sup> Indicies reflect ex Tobacco returns beginning 9/1/2000

Asset Allocation Percentage										
Assets	Actual	Target	Difference	Range						
Public Equity	60.5%	62.0%	(1.5%)	56 - 68						
Public Fixed Income	29.9%	27.0%	2.9%	23 - 32						
Private Equity	9.6%	11.0%	(1.4%)	8 - 14						
Total Investment Assets	100.0%	100.0%								
Which can be compared to th	e strategic tai	rgets								
Active - Domestic Equity	7.9%	8.2%	(0.3%)	5-11						
Passive - Domestic Equity	32.2%	32.8%	(0.6%)	30-36						
TOTAL DOMESTIC EQUITY	40.1%	41.0%	(0.9%)	38 - 44						
Active - International Equity	9.0%	10.5%	(1.5%)	7 - 14						
Passive -International Equity	11.3%	10.5%	0.8%	7 - 14						
TOTAL NON-US EQUITY	20.4%	21.0%	(0.6%)	18 - 24						
TOTAL PUBLIC EQUITY	60.5%	62.0%	(1.5%)	56 - 68						
Real Estate	5.2%	6.0%	(0.8%)							
Alternative Investments	4.4%	5.0%	(0.6%)							
TOTAL PRIVATE EQUITY	9.6%	11.0%	(1.4%)	8 - 14						
Domestic Fixed Income	28.2%	26.0%	2.2%	23 - 29						
Liquidity	1.6%	1.0%	0.6%	0 - 3						
TOTAL FIXED & LIQUIDITY	29.9%	27.0%	2.9%	23 - 32						
TOTAL INVESTMENT ASSETS	100.0%	100.0%	:							

Currency Hedging - Market Value (amounts in millions)							
Managers	Pacific E	3asin		Europe	an	Total	
Active International	\$ 2,412.40	8.5%	\$	5,835.16	0.5%	\$8,247.56	2.8%
Passive International	\$ 2,578.21	21.1%	\$	7,295.69	0.0%	\$9,873.90	5.5%
* Does not include emerging market securities, Canadian stocks, cash or accruals.							

Currency Realized Ge	Gains/(Losses) (amounts in millions)  Currency  Realized Gains/(Losses)						
Managers	1 Month 1 Year Since Inception						
Active International	\$1.11	\$19.80	\$101.39				
Passive International	\$13.64	\$141.67	\$618.66				

Securities Lending Income						
Asset	Current Fiscal Year 7/01-01/02	vs.	Prior Fiscal Year 7/00-01/01			
Domestic Equity	\$12,569,145		\$6,535,903			
International Equity	\$18,077,434		\$13,569,181			
US Treasury	\$22,462,307		\$10,030,757			
Other Fixed Income Securities	\$1,720,368		\$473,820			
Total Income	\$54,829,254		\$30,609,661			

Securities Lending (On-Loan/Collateral Summary)							
Asset	Securities On-Loan	Collateral Valuation	Percent				
Domestic Equity	\$2,571,539,100	\$2,689,766,238	105%				
International Equity	\$3,659,124,731	\$3,851,184,906	105%				
US Treasury	\$8,105,315,487	\$8,295,560,614	102%				
Other Fixed Income Securities	\$353,397,762	\$361,656,071	102%				
Total Value	\$14,689,377,080	\$15,198,167,829	103%				

California State Teach	llifornia State Teachers' Retirement System			Attachment 4		
	onthly Investment Summary - In~Sight			Investment Committee - Item 14 Page 1 of 2		
Monthly Investment Su						
	Market Value		Market Value		Market Value	
	12/31/01	Market %	1/31/02	Market %	Difference	% Diff.
Liquidity						
Cash Allocation	1,393,129,795		1,499,635,558		106,505,763	
US Cash Equitization	131,767,673		129,976,546		(1,791,126)	
Total Liquidity	1,524,897,468	1.51%	1,629,612,105	1.64%	104,714,637	0.12%
Domestic Equit	<b>h</b> y					
Active	y					
Ariel Capital	509,637,273		509,909,225		271,952	
BGI - Enhanced	606,291,590		596,876,670		(9,414,920)	
Brinson Partners	606,297,262		601,391,435		(4,905,827)	
Brown Capital Management	357,884,059		357,251,055		(633,004)	
Chicago Equity Partners	443,781,965		435,800,001		(7,981,964)	
Delaware Investment Adv	458,376,801		458,298,634		(78,167)	
Delphi Management, Inc	223,774,811		225,074,358		1,299,547	
Denver Investment Advisors	607,688,564		604,257,601		(3,430,963)	
DSI International Management	659,967,021		649,644,915		(10,322,106)	
First Quadrant	438,842,224		432,069,555		(6,772,669)	
Mellon Capital Management	545,237,165		536,501,768		(8,735,397)	
NCM Capital Management	441,320,112		435,928,194		(5,391,917)	
Putnam Investments	327,145,842		319,310,560		(7,835,282)	
Sasco Capital	807,264,450		812,690,930		5,426,480	
SSgA - Enhanced	662,697,329		654,714,925		(7,982,404)	
TCW Asset Manangement Co	284,445,037		267,303,853		(17,141,184)	
Passive	, ,		, ,		, , , ,	
BGI Extended Market Index	3,002,413,068		2,917,606,757		(84,806,310)	
BGI S&P 500 Index	13,364,049,879		13,448,135,782		84,085,904	
SSgA - Extended Mkt Index	2,284,729,912		2,222,534,309		(62,195,603)	
STRS S&P 500 Index	13,383,448,461		13,466,780,829		83,332,367	
Transition					, ,	
STRS Domestic	563,607,770		51,271		(563,556,499)	
<b>Total Domestic Equity</b>	40,578,900,595	40.26%	39,952,132,628	40.11%	(626,767,967)	(0.15%)
International Eq	uitv					
Active	•					
Bank of Ireland Asset Management	818,255,500		773,934,532		(44,320,968)	
Battery March Financial Mgmt Inc	383,452,196		369,097,673		(14,354,523)	
Blackrock, Inc.	231,110,426		223,128,813		(7,981,613)	
Brinson Partners Non-USEQ	424,682,632		406,546,633		(18,135,999)	
Capital Guardian Trust	1,171,110,560		1,115,006,500		(56,104,060)	
Delaware Int'l Advisors Inc.	450,287,001		445,364,049		(4,922,952)	
Fidelity Management Co.	450,690,419		432,428,434		(18,261,985)	
Fiduciary Trust	531,419,286		505,180,183		(26,239,103)	
Goldman Sachs Asset Mgmt	345,144,263		324,415,932		(20,728,331)	
Lazard Freres	717,401,882		684,808,252		(32,593,630)	
Marvin & Palmer Assoc, Inc.	383,324,129		368,312,811		(15,011,317)	
M Ct1	710 527 204		(00.2(7.700		(20.1(0.50()	

718,537,304

689,367,708

(29,169,596)

Morgan Stanley

# California State Teachers' Retirement System Monthly Investment Summary - In~Sight

Attachment 4
Investment Committee - Item 14
Page 2 of 2

	Market Value		Market Value		Market Value	
	12/31/01	Market %	1/31/02	Market %	Difference	% Diff.
Newport Pacific Mgmt	219,244,785		213,339,085		(5,905,699)	
Nicholas-Applegate Capital Mgmt	410,915,131		394,391,825		(16,523,306)	
Oechsle International	1,017,336,025		988,398,428		(28,937,596)	
Schroder Capital	475,912,244		452,071,158		(23,841,086)	
Scudder Kemper Investments	656,333,660		628,533,574		(27,800,087)	
Passive						
BGI - EAFE Index	6,310,347,735		5,978,555,027		(331,792,708)	
SSgA - EAFE Index	4,163,326,139		3,944,709,419		(218,616,720)	
SSgA - Emerging Market Index	1,309,129,230		1,370,417,794		61,288,564	
Transition						
STRS International	9,735		8,410		(1,326)	
<b>Total International Equity</b>	21,187,970,283	21.02%	20,308,016,241	20.39%	(879,954,042)	(0.63%)
Fixed Income						
Corporate Bond Index	9,450,873,707		9,479,438,008		28,564,302	
Mortgage Backed Security Index	8,076,989,069		8,245,464,348		168,475,279	
Mortgage Loan	738,132,293		641,269,258		(96,863,035)	
Seix Investment Advisors	0		297,598,546		297,598,546	
US Treasury & Agency Index	9,651,329,841		9,456,728,189		(194,601,653)	
<b>Total Fixed Income</b>	27,917,324,910	27.70%	28,120,498,350	28.23%	203,173,440	0.53%
Real Estate						
CB Richard Ellis	1,600,213,857		1,586,822,975		(13,390,882)	
Clarion Partners, LLC	397,000,054		406,959,289		9,959,235	
Heitman Capital Management	385,748,026		386,637,050		889,024	
Lend Lease	1,153,030,355		1,144,378,563		(8,651,792)	
Lowe Enterprisees Inv Mgmt	157,242,115		158,124,766		882,651	
MIG Realty Advisors	377,566,430		378,875,958		1,309,528	
Sentinel Realty Advisors	42,253,053		40,013,736		(2,239,317)	
Special Situations	452,529,074		453,336,247		807,173	
SSR Realty Advisors	497,710,882		502,615,605		4,904,723	
Thomas Properties Group	159,024,875	_,	161,333,094	_	2,308,219	
<b>Total Real Estate</b>	5,222,318,720	5.18%	5,219,097,282	5.24%	(3,221,438)	0.06%
Alternative Investm	ients					
Distributed Stock	13,031,251		5,170,845		(7,860,407)	
Limited Partnerships	4,352,747,704		4,382,719,909		29,972,206	
<b>Total Alternative Investments</b>	4,365,778,955	4.33%	4,387,890,754	4.40%	22,111,799	0.07%
<b>Grand Total</b>	100,797,190,931	100.00%	99,617,247,359	100.00%	(1,179,943,572)	

PLEASE NOTE:

**All Figures Include Accruals** 

The Information contained in this report is UNAUDITED

Member Home Loan Securitization Principal Balance as of 1/31/2002 is \$77,291,839

The Internally Managed Cash Collateral Portfolio is NOT included above.

The Net Asset Value as of 1/31/2002 is \$6,401,532,727

### California State Teachers' Retirement System Internal S&P 500 ex-Tobacco Indexed Portfolio

The California State Teachers' Retirement System's internal S&P 500 ex-Tobacco Indexed Portfolio (Portfolio) was \$13,466,780,829 as of January 31, 2002. The Portfolio seeks to closely track the return of the custom S&P 500 ex-Tobacco Index<sup>2</sup>.

Table 1 below shows the returns of the Portfolio<sup>1</sup>.

Table 1: Performance as of January 31, 2002

Period	Portfolio	Index	Tracking Error
Total Return			
1998, Apr-Dec	+12.892%	+12.975%	-0.084%
1999	+21.111%	+20.987%	+0.124%
2000	-9.450%	-9.486%	+0.036%
2001	-12.060%	-12.098%	+0.038%
2002 YTD	-1.572%	-1.574%	+0.002%
Annualized Return			
1 Year	-16.441%	-16.481%	+0.040%
2 Years	-9.158%	-9.196%	+0.038%
3 Years	-3.050%	-3.094%	+0.044%

Inception date of March 31, 1998
 Effective September 1, 2000, the benchmark for the CalSTRS S&P 500 ex-Tobacco Indexed Portfolio is the custom S&P 500 ex-Tobacco Index